EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	31	(US-20010030524-$).did. or (US-7076159-$ or US-7069172-$ or US-6512346-$ or US-7092623-$ or US-6040668-$ or US-6551065-$ or US-6646896-$ or US-4409933-$ or US-6037732-$ or US-6054823-$ or US-6400045-$ or US-6528965-$ or US-6933687-$ or US-6188187-$ or US-6650074-$ or US-6906503-$ or US-5479557-$ or US-5137428-$ or US-4454459-$ or US-4097789-$ or US-6747432-$ or US-5093891-$ or US-4832576-$ or US-5166585-$ or US-6396231-$ or US-6381406-$).did. or (US-5825972-$ or US-5463299-$ or US-5294872-$ or US-5075608-$).did.	US-PGPUB; USPAT	OR	ON	2008/03/30 13:03
L3	21	2 and (fault$4 fail$4 error overvoltage overload$4 overcurrent)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/03/30 13:04
L4	21	2 and (fault$4 fail$4 error overvoltage overload$4 overcurrent) and voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/03/30 13:05
L5	7	2 and (fault$4 fail$4 error overvoltage overload$4 overcurrent) and voltage and open	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/03/30 13:06

L6	7	2 and (fault$4 fail$4 error overvoltage overload$4 overcurrent) and voltage and open and (sens$4 detect$4 monitor$4 measur$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/03/30 13:13
L7	6	2 and (overvoltage overload$4 overcurrent) and voltage and (sens$4 detect$4 monitor$4 measur$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/03/30 13:22
S1	2	"20070001643"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 13:22
S2	18	"318"/$ and fan.ab. and (switch trigger$4) and ((sens$4 detect$4 measur$4 monitor$) near4 voltage) and 318/811	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 13:40
S3	27	"318"/$ and ((fan. clm.) (fan.ab.)) and (switch trigger$4) and ((sens$4 detect$4 measur$4 monitor$) near4 voltage) and 318/811	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 13:43
S4	9	S3 not S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 13:41
S5	34	"318"/$ and ((fan. clm.) (fan.ab.)) and (switch trigger$4) and ((sens$4 detect$4 measur$4 monitor$) near4 voltage) and 318/599	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 13:47
S6	22	S5 not (S3 S2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 14:16

S7	24	"318"/$ and ((fan. clm.) (fan.ab.)) and (switch trigger$4) and ((sens$4 detect$4 measur$4 monitor$) near4 voltage) and (lpf (low$2 adj3 filter$4)) and (error$4 fault$4 abnormal$4 fail$4 malfunction$4 abnormalit$4 (short$2 adj2 circuit$4) (open $2 adj2 (circuit$4 load)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 14:13
S8	31	"318"/$ and ((fan. clm.) (fan.ab.)) and (switch trigger$4) and ((sens$4 detect$4 measur$4 monitor$) near4 voltage) and (lpf (low$2 adj3 filter$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 14:08
S9	103	"318"/$ and ((fan. clm.) (fan.ab.)) and (switch trigger$4) and ((sens$4 detect$4 measur$4 monitor$) near4 voltage) and (lpf filter$4 (low$2 adj3 filter$4)) and (error$4 fault$4 abnormal$4 fail $4 malfunction$4 abnormalit$4 (short$2 adj2 circuit$4) (open $2 adj2 (circuit$4 load)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 16:22
S10	81	S9 not (S5 S3 S2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 14:17
S11	63	S9 not (S7 S8 S5 S3 S2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 16:20

S12	28	(US-20010030524-$). did. or (US-7092623-$ or US-7076159-$ or US-6747432-$ or US-6650074-$ or US-6551065-$ or US-6396231-$ or US-6381406-$ or US-6040668-$ or US-5825972-$ or US-6646896-$ or US-5463299-$ or US-7069172-$ or US-6512346-$ or US-6933687-$ or US-6054823-$ or US-5479557-$ or US-6906503-$ or US-4409933-$ or US-6528965-$ or US-6400045-$ or US-6037732-$ or US-5166585-$ or US-5137428-$ or US-5093891-$ or US-4832576-$ or US-4454459-$).did. or (US-4097789-$).did.	US-PGPUB; USPAT	OR	ON	2007/06/28 16:19
S13	26	S12 and filter$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 15:03
S14	19	S12 and filter$4 and (error$4 fault$4 abnormal$4 fail$4 malfunction$4 abnormalit$4 (short$2 adj2 circuit$4) (open $2 adj2 (circuit$4 load)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 15:03
S15	19	S12 and (switch trigger $4) and ((sens$4 detect$4 measur$4 monitor$) near4 voltage) and (lpf filter $4 (low$2 adj3 filter $4)) and (error$4 fault $4 abnormal$4 fail$4 malfunction$4 abnormalit$4 (short$2 adj2 circuit$4) (open $2 adj2 (circuit$4 load)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 15:59

S16	7	"6512346"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 15:29
S17	13	S12 and (voltage near4 divid$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 16:09
S18	8	S12 and (memory rom)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 16:09
S19	42	"318"/$ and ((fan. clm.) (fan.ab.)) and (switch trigger$4) and ((sens$4 detect$4 measur$4 monitor$) near4 voltage) and (lpf filter$4 (low$2 adj3 filter$4)) and ((short $2 adj3 circuit$4) (open$2 adj3 (circuit $4 load)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 16:19
S20	0	S19 not (S9 S7 S8 S5 S3 S2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 16:37
S21	42	"318"/$ and ((fan. clm.) (fan.ab.)) and (switch trigger$4) and ((sens$4 detect$4 measur$4 monitor$) near4 voltage) and (lpf filter$4 (low$2 adj3 filter$4)) and (error$4 fault$4 abnormal$4 fail $4 malfunction$4 abnormalit$4 (short$2 adj2 circuit$4) (open $2 adj2 (circuit$4 load))) and ((short$2 adj2 circuit$4) (open $2 adj2 (circuit$4 load)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 16:41

S22	211	((fan.clm.) (fan.ab.)) and (switch trigger$4) and ((sens$4 detect$4 measur$4 monitor$) near4 voltage) and (lpf filter$4 (low$2 adj3 filter$4)) and (error$4 fault$4 abnormal$4 fail $4 malfunction$4 abnormalit$4 (short$2 adj2 circuit$4) (open $2 adj2 (circuit$4 load))) and ((short$2 adj2 circuit$4) (open $2 adj2 (circuit$4 load)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 17:25
S23	169	S22 not (S19 S9 S7 S8 S5 S3 S2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 16:45
S24	82	S23 and (fan.ab.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 16:39
S25	1189	"318"/$ and (switch trigger$4) and ((sens $4 detect$4 measur$4 monitor$) near4 voltage) and (lpf filter $4 (low$2 adj3 filter $4)) and (error$4 fault $4 abnormal$4 fail$4 malfunction$4 abnormalit$4 (short$2 adj2 circuit$4) (open $2 adj2 (circuit$4 load))) and ((short$2 adj2 circuit$4) (open $2 adj2 (circuit$4 load)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 16:41
S26	14519	(switch trigger$4) and ((sens$4 detect$4 measur$4 monitor$) near4 voltage) and (lpf filter$4 (low$2 adj3 filter$4)) and (error$4 fault$4 abnormal$4 fail $4 malfunction$4 abnormalit$4 (short$2 adj2 circuit$4) (open $2 adj2 (circuit$4 load))) and ((short$2 adj2 circuit$4) (open $2 adj2 (circuit$4 load)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 16:44

S27	219	S26 and ("318"/$ "388"/$) and fan	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 17:20
S28	177	S27 not (S19 S9 S7 S8 S5 S3 S2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 16:46
S29	182	S26 and ("318"/$ "388"/$) and (motor same fan)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 17:27
S30	141	S29 not (S19 S9 S7 S8 S5 S3 S2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 16:46
S31	37	S27 not S29	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 17:19
S32	33	S26 and ("318"/$ "388"/$) and fan and (slug$4 sluggish$4 stall $4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 17:23
S33	248	((fan.clm.) (fan.ab.)) and (switch trigger$4) and ((sens$4 detect$4 measur$4 monitor$) near4 voltage) and (lpf filter$4 (low$2 adj3 filter$4)) and (error$4 fault$4 abnormal$4 fail $4 malfunction$4 abnormalit$4 (short$2 adj2 circuit$4) (open $2 adj2 (circuit$4 load)) stall$4 sluggish $4) and ((short$2 adj2 circuit$4) (open $2 adj2 (circuit$4 load)) stall$4 sluggish $4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 17:51
S34	37	S33 not S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 17:34
S35	124	S33 and (overvoltage overcurrent (current near4 (exceed$4 (greater$2 adj2 than) greater (more$2 adj2 than) more)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 17:38
S36	15	S35 not S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 17:35

S37	250	((fan.clm.) (fan.ab.)) and (switch trigger$4 triac) and ((sens$4 detect$4 measur$4 monitor$) near4 voltage) and (lpf filter $4 (low$2 adj3 filter $4)) and (error$4 fault $4 abnormal$4 fail$4 malfunction$4 abnormalit$4 (short$2 adj2 circuit$4) (open $2 adj2 (circuit$4 load)) stall$4 sluggish $4) and ((short$2 adj2 circuit$4) (open $2 adj2 (circuit$4 load)) stall$4 sluggish $4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 17:56
S38	44	((fan.clm.) (fan.ab.)) and (switch trigger$4 triac) and ((sens$4 detect$4 measur$4 monitor$) near4 voltage) and (lpf filter $4 (low$2 adj3 filter $4)) and (error$4 fault $4 abnormal$4 fail$4 malfunction$4 abnormalit$4 (short$2 adj2 circuit$4) (open $2 adj2 (circuit$4 load)) stall$4 sluggish $4).ab. and ((short$2 adj2 circuit$4) (open $2 adj2 (circuit$4 load)) stall$4 sluggish $4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 17:55
S39	4	((fan.clm.) (fan.ab.)) and (switch trigger$4 triac) and ((sens$4 detect$4 measur$4 monitor$) near4 voltage) and (lpf filter $4 (low$2 adj3 filter $4)) and (error$4 fault $4 abnormal$4 fail$4 malfunction$4 abnormalit$4 (short$2 adj2 circuit$4) (open $2 adj2 (circuit$4 load)) stall$4 sluggish $4).ab. and (stall$4 sluggish$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 17:56

S40	126	((fan.clm.) (fan.ab.)) and (switch trigger$4 triac) and ((sens$4 detect$4 measur$4 monitor$) near4 voltage) and (lpf filter $4 (low$2 adj3 filter $4)) and (error$4 fault $4 abnormal$4 fail$4 malfunction$4 abnormalit$4 (short$2 adj2 circuit$4) (open $2 adj2 (circuit$4 load)) stall$4 sluggish $4) and ((short$2 adj2 circuit$4) (open $2 adj2 (circuit$4 load)) stall$4 sluggish $4) and (overvoltage overcurrent (current near4 (exceed$4 (greater$2 adj2 than) greater (more$2 adj2 than) more)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 17:59
S41	26	S40 and "318"/$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 17:57
S42	292	"318"/$ and (fan blower) and (switch trigger$4 triac) and ((sens$4 detect$4 measur$4 monitor$) near4 voltage) and (error$4 fault$4 abnormal$4 fail$4 malfunction$4 abnormalit$4 (short$2 adj2 circuit$4) (open $2 adj2 (circuit$4 load)) stall$4 sluggish $4) and ((short$2 adj2 circuit$4) (open $2 adj2 (circuit$4 load)) stall$4 sluggish $4) and (overvoltage overcurrent (current near4 (exceed$4 (greater$2 adj2 than) greater (more$2 adj2 than) more)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 18:01
S43	271	S42 and fan	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 18:02

S44	35	S42 and fan and ((overvoltage overcurrent (current near4 (exceed$4 (greater$2 adj2 than) greater (more$2 adj2 than) more))) same stall$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 18:06
S45	114	S42 and ((overvoltage overcurrent (current near4 (exceed$4 (greater$2 adj2 than) greater (more$2 adj2 than) more))) near4 (sens$4 detect$4 monitor$4 determin$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 18:07
S46	34	S42 and ((overvoltage overcurrent (current near4 (exceed$4 (greater$2 adj2 than) greater (more$2 adj2 than) more))) near4 (sens$4 detect$4 monitor$4 determin$4)) and stall$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 18:08
S47	6	(clean$4 near4 oxidiz$4) and fan and "318"/$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/07 16:17
S48	308	(clean$4 near4 oxidiz$4) and fan	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/07 16:18
S49	12	(clean$4 near4 oxidiz$4) and fan and voltage and (fan.ab. fan.clm.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/07 16:19
S50	19	(clean$4 near9 oxidiz$4) and fan and voltage and (fan.ab. fan.clm.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/07 16:19

S51	29	(US-20010030524-$).did. or (US-7076159-$ or US-7069172-$ or US-6512346-$ or US-7092623-$ or US-6040668-$ or US-6551065-$ or US-6646896-$ or US-4409933-$ or US-6037732-$ or US-6054823-$ or US-6400045-$ or US-6528965-$ or US-6933687-$ or US-6188187-$ or US-6650074-$ or US-6906503-$ or US-5479557-$ or US-5137428-$ or US-4454459-$ or US-4097789-$ or US-6747432-$ or US-5093891-$ or US-4832576-$ or US-5166585-$ or US-6396231-$ or US-6381406-$).did. or (US-5825972-$ or US-5463299-$).did.	US-PGPUB; USPAT	OR	ON	2007/07/07 19:21
S52	14	S51 and (memory rom table)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/07 20:47
S53	125	fan.ab. and (memory rom (look$4 adj2 table)) and compar$4 and ((sens$4 detect $4 monitor$4 measur $4 shunt) near4 resistor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/07 19:59
S54	43	fan.ab. and (memory rom (look$4 adj2 table)) and compar$4 and ((sens$4 detect $4 monitor$4 measur $4 shunt) near4 resistor) and ((memory rom (look$4 adj2 table)) same compar$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/07 20:00

S55	16	fan.ab. and (memory rom (look$4 adj2 table)) and compar$4 and ((sens$4 detect $4 monitor$4 measur $4 shunt) near4 resistor) and ((memory rom (look$4 adj2 table)) same compar$4) and "318"/ $	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/07 20:44
S56	1	"20070001643" and (sens$4 near4 fet)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/07 20:45
S57	9	S51 and (mosfet fet)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/07 20:48
S58	0	S51 and (mosfet fet) and ((mosfet fet) near4 (sens$4 detect $4 measur$4 monitor $4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/07 20:51
S59	9	S51 and (mosfet fet) and ((mosfet fet) and (sens$4 detect$4 measur$4 monitor$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/07 20:52

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